

Scientific Program of the LHC2010 Conference at Michigan

<http://www.umich.edu/~mctp/LHC2010>

Dec. 12 – Dec. 14, 2010 at the Univ. of Michigan

Medical School Biomedical Science Research Building (BSRB)

Kahn Auditorium (ground level), 109 Zina Pitcher Place, Ann Arbor MI 48109

1) General schedule

- a. Morning sessions from 9am to 12:30pm
- b. Catered lunch each day: from 12:30pm to 2:00pm (in house)
- c. Afternoon sessions from 2:00pm to 6:00pm
- d. Breakfast and two coffee breaks each day
- e. Conference banquet Monday night (Dec. 13) in same bldg (BSRB) as lecture auditorium

2) Program in each day

Sunday morning – starting from 9 AM (Chair: Homer Neal)

8:30 Breakfast (seminar rooms)

9:00	Welcome by UM Provost	Philip J. Hanlon	UM
9:10	LHC status and plan (30")	Mike Lamont	CERN
9:40	CMS Status (30")	Todd Adams	Florida State Univ.
10:10	ATLAS Status (30")	Hong Ma	BNL
10:40 – 11:00	Coffee Break (seminar rooms)		
11:00	Alice Status (30")	Jennyfer Klay	California Polytechnic State Univ.
11:30	LHCb Status (30")	Miriam Calvo	Univ. of de Barcelona
12:00	Targets for early discoveries at the LHC (30")	Liantao Wang	Princeton

12:30-14:00 Catered Lunch in BSRB Seminar Rooms

Sunday Afternoon – QCD (Chair: Aaron Pierce)

2:00pm	Jet and photon physics with CMS (30")	Colin Philip Jessop	Univ. of Notre Dame
2:30pm	Jet and photon physics with ATLAS (30")	Francesca Bucci	Geneva
3:00pm	W/Z+jets with ATLAS (30")	Alexander Paramonov	Argonne
3:30-4:00pm	Coffee Break (seminar rooms)		
4:00pm	W/Z+jets with CMS (30")	Jonathan Z Efron	Univ. of Wisconsin
4:30pm	Monte Carlo facing real data (30")	Rick Field	Univ. of Florida
5:00pm	Properties of non pQCD events at 7 TeV (ATLAS&CMS) (CMS Speaker)	Wei Li	MIT
5:30pm	Future prospects for QCD computation (30")	Zvi Bern	UCLA

Monday Morning– EW / Higgs (Chair: Jonas Strandberg)

8:30 Breakfast (seminar rooms)

9:00	W and Z physics with CMS (30'')	Kalanand Mishra	FNAL
9:30	W and Z physics with ATLAS (30'')	Goetz Gaycken	U of Bonn, Germany
10:00	Diboson physics (ATLAS & CMS) (30'') (ATLAS speaker)	Haijun Yang	U. of Michigan
10:30 – 10:50	Coffee Break (seminar rooms)		
10:50	Can there be no Higgs boson? (30'')	Csaba Csaki	Cornell Univ.
11:20	Higgs search at Tevatron (CDF / D0) (30'')	Thomas Wright	U of Michigan
11:50	Higgs searches at LHC (ATLAS/CMS 30'') (CMS speaker)	David Lopes-Pegna	Princeton Univ.

12:30-2:00 Catered Lunch in BSRB Seminar Rooms

Monday Afternoon – Bottom and Top (Chair: Tom Wright)

2:00pm	Top physics at the Tevatron (CDF/D0 35'')	Amitabha Das	FNAL
2:35pm	Recent B-physics results from Tevatron (25'')	Robert Harr	Wayne State Uni.
3:00pm	Bottom and Top and new physics (30'')	Bogdan Dobrescu	FNAL
3:30pm	B physics with CMS (25'')	Giordano Cerizza	Univ. of Tennessee
3:55 – 4:25 pm	Coffee Break (seminar rooms)		
4:25pm	B physics with ATLAS (25'')	Xinchou Lou	UT Dallas
4:50pm	B physics with LHCb (30'')	Themis Bowcock	Univ. of Liverpool, UK
5:20pm	Top physics with ATLAS (30'')	Martijn Gosselink	Nikhef
5:50pm	Top physics with CMS (30'')	Kevin Patrick Lannon	Univ. of Notre Dame
6:45pm	Banquet in BSRB Atrium (ground level)		

Tuesday morning – SUSY and Dark Matter Searches (Chair: Natalia Panikashvili)

8:30	Breakfast (seminar rooms)		
9:00	Dark Matter, SUSY and the LHC (30'')	Brent Nelson	Northeastern
9:30	Status of Dark Matter searches (30'')	Neal Weiner	NYU
10:00	SUSY searches with early ATLAS data (30'')	Matthew Tamsett	Louisiana Tech
10:30-11:00	Coffee Break (seminar rooms)		
11:00	SUSY searches with early CMS data (30'')	Yousi Ma	Caltech
11:30	SUSY search prospects with 1 fb^{-1} data (ATLAS & CMS) (30'')	Rasmus Mackeprang	Copenhagen NBI
12:00	Kinematic techniques for events with new missing particles (30'')	Ben Gripaios	CERN

12:30-2:00 Catered Lunch in BSRB Seminar Rooms

Tuesday afternoon – Other New Physics (Chair: Liantao Wang)

2:00pm	Searches at Tevatron (D0/CDF 30'')	Ioannis Katsanos	U. of Nebraska
2:30pm	Searches and new limits with CMS (30'')	Jie Chen	Florida State Univ.
3:00pm	Searches and new limits with ATLAS (30'')	Sing-Leubg Cheung	Toronto
3:30pm	Heavy ion physics at LHC (ALICE 30'')	S. Voloshin	Wayne State Univ.
4:00-4:30pm	Coffee Break (seminar rooms)		

4:30pm	Latest Heavy Ions Results from ATLAS (30")	Brian Cole	Columbia
5:00pm	Distinguishing look-alike interpretations on new physics (30")	Maria Spiropulu	CERN/Caltech
5:30pm	Long-term prospects for discovering new physics at the LHC (30")	Joe Lykken	FNAL